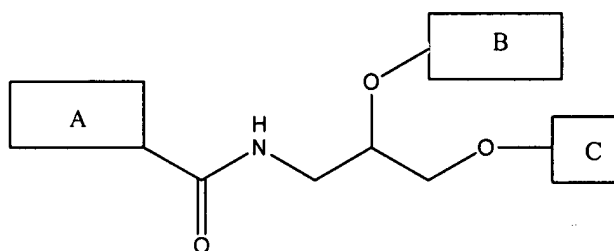


LISTING OF CLAIMS

This Listing of Claims will replace all prior versions and Listings of Claims in the application:

1. (Original) A support for oligonucleotide synthesis comprising: a support material represented by the following formula:



wherein substituent A is a member selected from the group consisting of H, an alkyl group, an aryl group, a polymeric base material, and a silica base material;

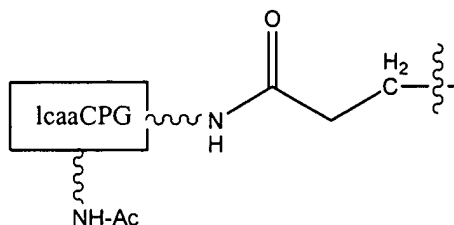
wherein substituent B is a member selected from the group consisting of an acyl group, an aroyl group, a polymeric base material, and a silica base material; and

wherein substituent C is a member selected from the group consisting of a dimethoxytrityl group and a protecting group removable under acidic or neutral conditions;

with the proviso that one of substituent A or B constitutes a polymeric base material or a silica base material.

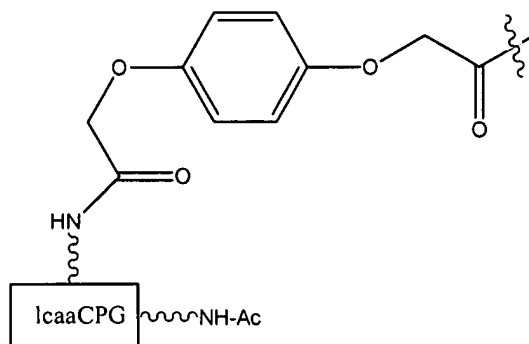
2. (Original) A support according to claim 1, wherein substituent A constitutes a long chain alkylamino controlled pore glass base material.

3. (Original) A support according to claim 2, wherein substituent A includes the following substituent:



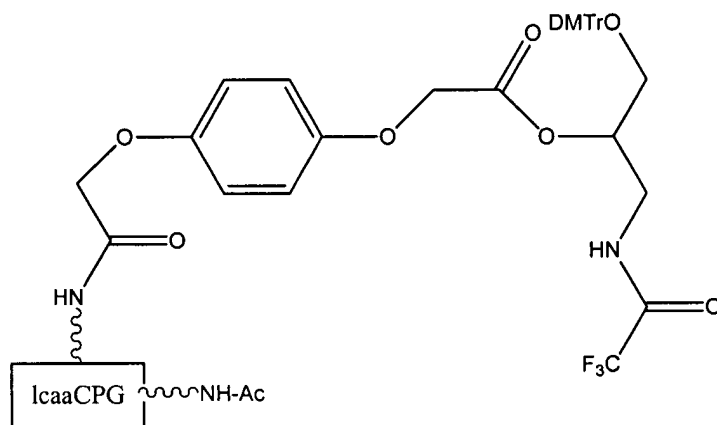
wherein lcaaCPG and its accompanying substituent groups represent the long chain alkylamino controlled pore glass base material.

4. (Original) A support according to claim 2, wherein substituent B is an acyl group.
5. (Original) A support according to claim 2, wherein substituent B is a 4-chlorophenoxyacetyl group.
6. (Original) A support according to claim 2, wherein substituent B is a 2,4-dichlorophenoxyacetyl group.
7. (Original) A support according to claim 1, wherein substituent B constitutes a long chain alkylamino controlled pore glass base material.
8. (Original) A support according to claim 7, wherein substituent B includes the following substituent:



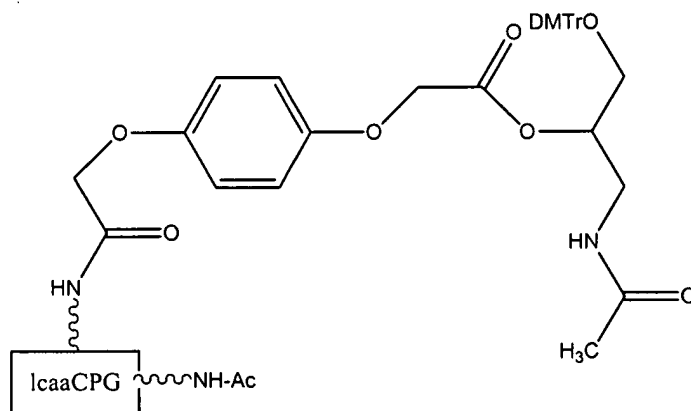
wherein lcaaCPG and its accompanying substituent groups represent the long chain alkylamino controlled pore glass base material.

9. (Original) A support according to claim 7, wherein substituent A is hydrogen.
10. (Original) A support according to claim 7, wherein substituent A is an alkyl group.
11. (Original) A support according to claim 7, wherein substituent A is a phenyl group.
12. (Original) A support according to claim 7, wherein substituent A is a CF_3 group.
13. (Original) A support according to claim 7, wherein substituent A is a methyl group.
14. (Original) A support according to claim 7, wherein substituent A is a t-butyl group.
15. (Original) A support according to claim 1, wherein the support material is



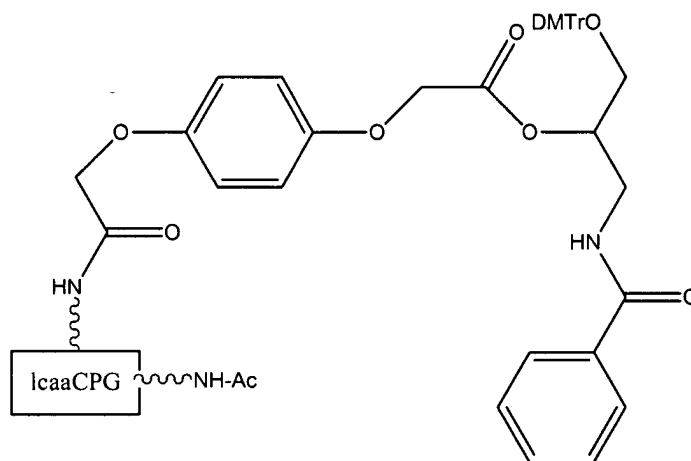
wherein DMTr represents a dimethoxytrityl group and wherein lcaaCPG and its accompanying substituent groups represent a long chain alkylamino controlled pore glass base material.

16. (Original) A support according to claim 1, wherein the support material is



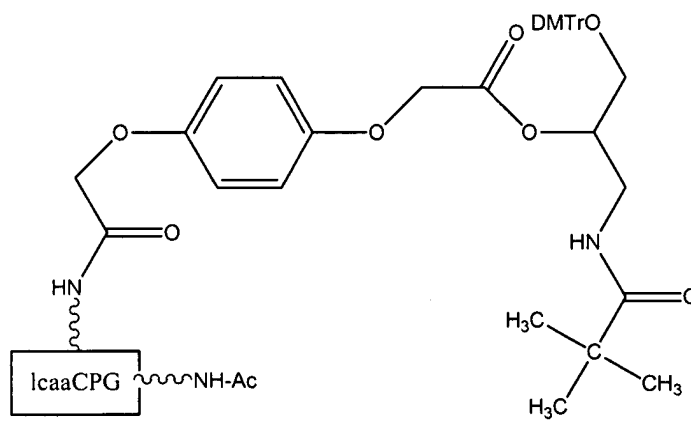
wherein DMTr represents a dimethoxytrityl group and wherein lcaaCPG and its accompanying substituent groups represent a long chain alkylamino controlled pore glass base material.

17. (Original) A support according to claim 1, wherein the support material is



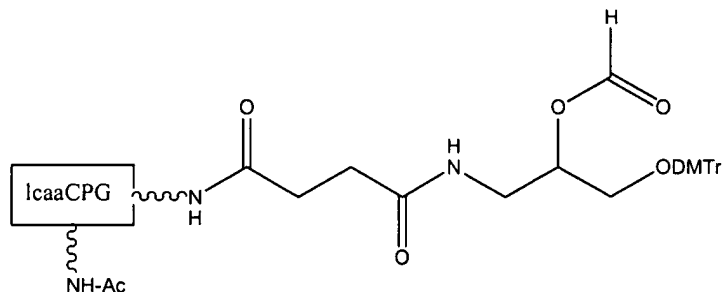
wherein DMTr represents a dimethoxytrityl group and wherein lcaaCPG and its accompanying substituent groups represent a long chain alkylamino controlled pore glass base material.

18. (Original) A support according to claim 1, wherein the support material is



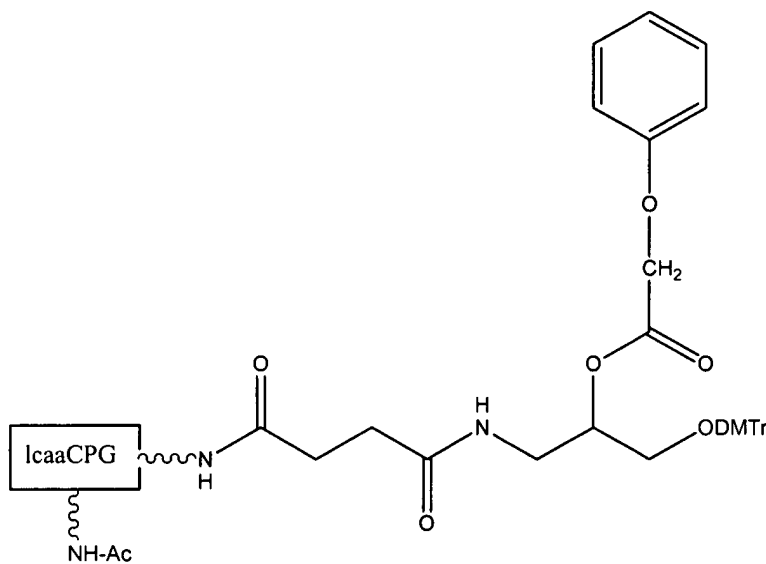
wherein DMTr represents a dimethoxytrityl group and wherein lcaaCPG and its accompanying substituent groups represent a long chain alkylamino controlled pore glass base material.

19. (Original) A support according to claim 1, wherein the support material is



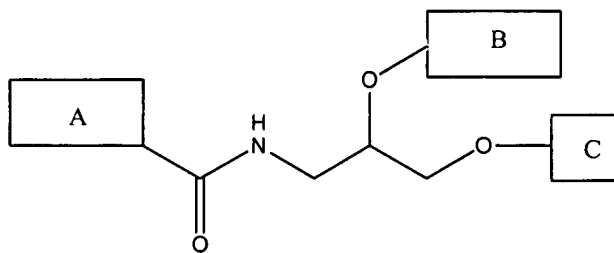
wherein DMTr represents a dimethoxytrityl group and wherein lcaaCPG and its accompanying substituent groups represent a long chain alkylamino controlled pore glass base material.

20. (Original) A support according to claim 1, wherein the support material is



wherein DMTr represents a dimethoxytrityl group and wherein lcaaCPG and its accompanying substituent groups represent a long chain alkylamino controlled pore glass base material.

21. (Original) An article represented by the following formula:



wherein substituent A is a member selected from the group consisting of H, an alkyl group, an aryl group, a polymeric base material, and a silica base material;

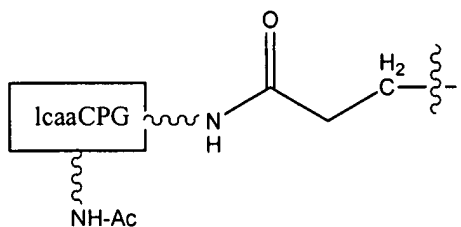
wherein substituent B is a member selected from the group consisting of an acyl group, an aroyl group, a polymeric base material, and a silica base material; and

wherein substituent C is a member selected from the group consisting of a dimethoxytrityl group, a nucleotide-containing group, and a protecting group removable under acidic or neutral conditions;

with the proviso that one of substituent A or B constitutes a polymeric base material or a silica base material.

22. (Original) An article according to claim 21, wherein substituent A constitutes a long chain alkylamino controlled pore glass base material.

23. (Original) An article according to claim 22, wherein substituent A includes the following substituent:



wherein lcaaCPG and its accompanying substituent groups represent the long chain alkylamino controlled pore glass base material.

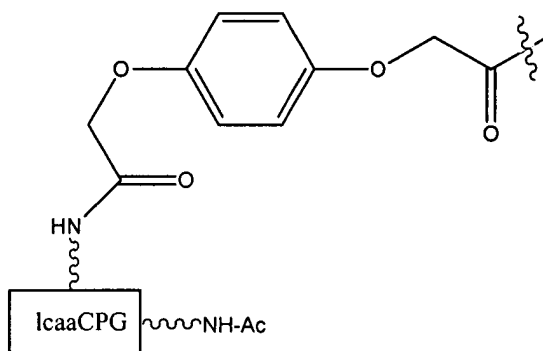
24. (Original) An article according to claim 22, wherein substituent B is an acyl group.

25. (Original) An article according to claim 22, wherein substituent B is a 4-chlorophenoxyacetyl group.

26. (Original) An article according to claim 22, wherein substituent B is a 2,4-dichlorophenoxyacetyl group.

27. (Original) An article according to claim 21, wherein substituent B constitutes a long chain alkylamino controlled pore glass base material.

28. (Original) An article according to claim 27, wherein substituent B includes the following substituent:



wherein lcaaCPG and its accompanying substituent groups represent the long chain alkylamino controlled pore glass base material.

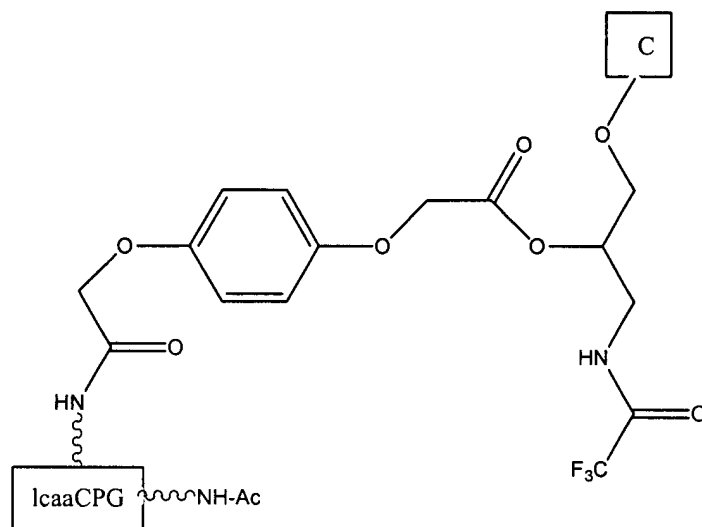
29. (Original) An article according to claim 27, wherein substituent A is hydrogen.

30. (Original) An article according to claim 27, wherein substituent A is an alkyl group.

31. (Original) An article according to claim 27, wherein substituent A is a phenyl group.

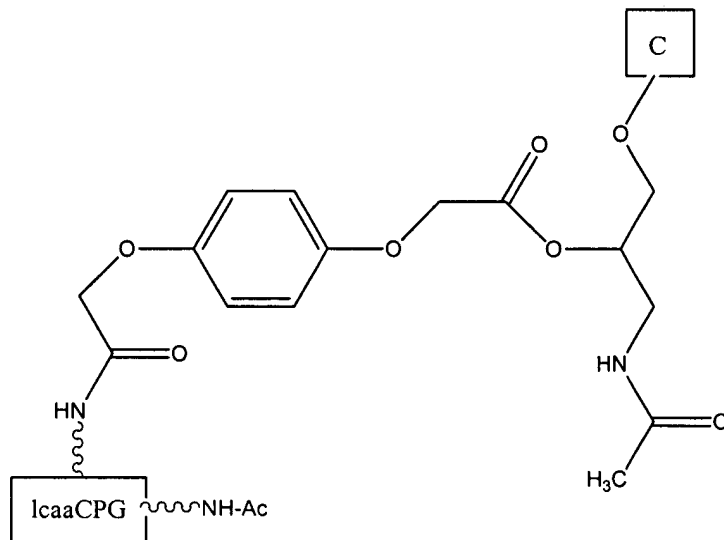
32. (Original) An article according to claim 27, wherein substituent A is a CF₃ group.

33. (Original) An article according to claim 27, wherein substituent A is a methyl group.
34. (Original) An article according to claim 27, wherein substituent A is a t-butyl group.
35. (Original) An article according to claim 21, represented by the following formula:



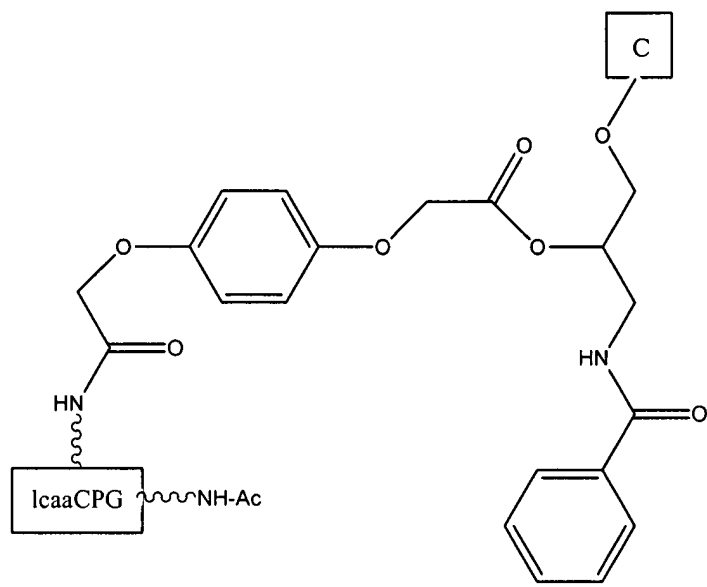
wherein lcaaCPG and its accompanying substituent groups represent a long chain alkylamino controlled pore glass base material.

36. (Original) An article according to claim 21 represented by the following formula:



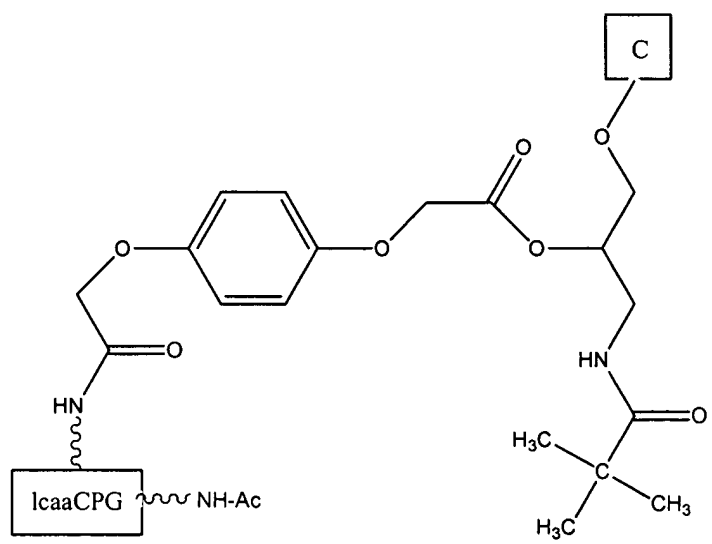
wherein lcaaCPG and its accompanying substituent groups represent a long chain alkylamino controlled pore glass base material.

37. (Original) An article according to claim 21 represented by the following formula:



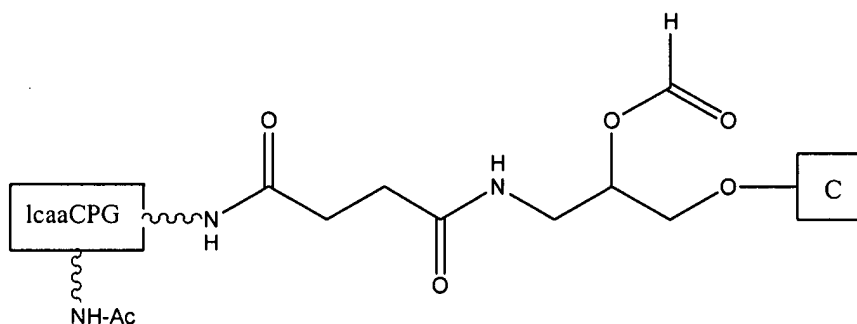
wherein lcaaCPG and its accompanying substituent groups represent a long chain alkylamino controlled pore glass base material.

38. (Original) An article according to claim 21 represented by the following formula:



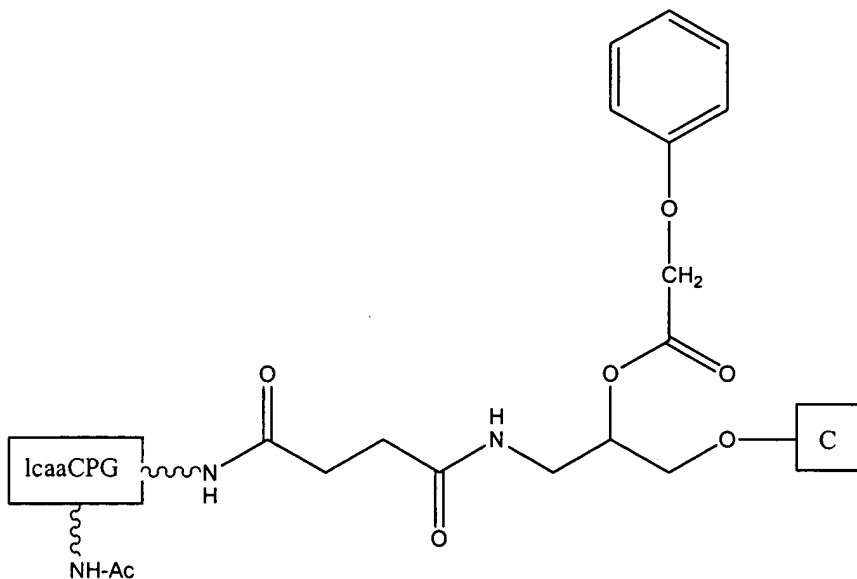
wherein lcaaCPG and its accompanying substituent groups represent a long chain alkylamino controlled pore glass base material.

39. (Original) An article according to claim 21 represented by the following formula:



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wherein lcaaCPG and its accompanying substituent groups represent a long chain alkylamino controlled pore glass base material.

40. (Original) An article according to claim 21 represented by the following formula:



wherein lcaaCPG and its accompanying substituent groups represent a long chain alkylamino controlled pore glass base material.

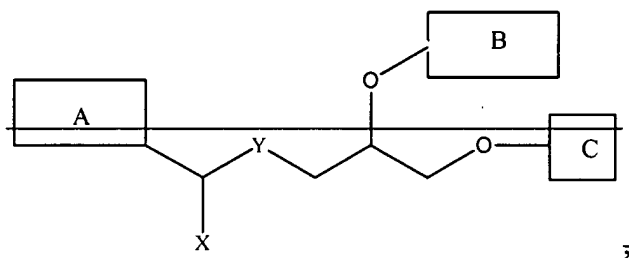
41. (Original) An article according to claim 21, wherein substituent C is a nucleotide-containing group including at least one nucleotide selected from the group consisting of: thymidine, 2'-deoxyadenosine, 2'-deoxycytidine, and 2'-deoxyguanosine.

42. (Original) An article according to claim 41, wherein the nucleotide-containing group is attached via a phosphotriester group.

43. (Original) An article according to claim 21, wherein substituent C is a nucleotide-containing group including a plurality of nucleotides.

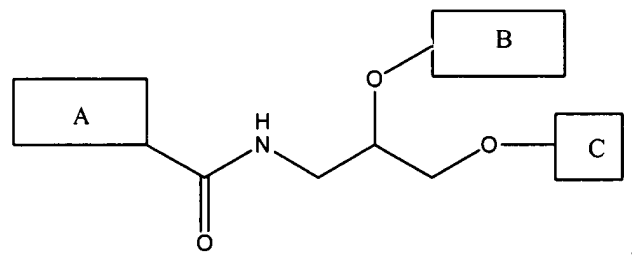
44. (Original) An article according to claim 21, wherein substituent C is a nucleotide-containing group.

45. (Currently Amended) An article represented by the following formula:



wherein X is a member selected from the group consisting of =O, S, and NH;

wherein Y is a member selected from the group consisting of O and NH;



wherein substituent A is a member selected from the group consisting of H, an alkyl group, an aryl group, a polymeric base material, a silica base material, a substituent including an

activated ester capable of coupling to an amino support, and a substituent terminating in a phosphoramidite group capable of coupling to a support or an oligonucleotide;

wherein substituent B is a first protecting group; and

wherein substituent C is a second protecting group different from the first protecting group,

with the proviso that one of the first protecting group or the second protecting group is a substituent group capable of being removed under neutral conditions and one of the first protecting group or the second protecting group is a substituent group capable of being removed under acidic or specific neutral conditions.

46. (Original) An article according to claim 45, wherein substituent B is a member selected from the group consisting of an acyl group and an aroyl group.

47. (Original) An article according to claim 45, wherein substituent B is a 4-chlorophenoxyacetyl group.

48. (Original) An article according to claim 45, wherein substituent B is a 2,4-dichlorophenoxyacetyl group.

49. (Original) An article according to claim 45, wherein substituent C is a dimethoxytrityl group.

50. (Original) An article according to claim 45, wherein substituent C is a member selected from the group consisting of an acyl group and an aroyl group.

51. (Original) An article according to claim 45, wherein substituent C is a 4-chlorophenoxyacetyl group.

52. (Original) An article according to claim 45, wherein substituent C is a 2,4-dichlorophenoxyacetyl group.

53. (Original) An article according to claim 45, wherein substituent B is a dimethoxytrityl group.

54-63. (Canceled without prejudice or disclaimer by this Amendment).

64. (New) A support according to claim 4, wherein the acyl group is selected from the group consisting of a chloroacetyl group, a dichloroacetyl group, a 4-chlorophenoxyacetyl group, and a 2,4-dichlorophenoxyacetyl group.

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65. (New) A support according to claim 4, wherein the acyl group is a dichloroacetyl group.

66. (New) A support according to claim 1, wherein substituent B is an acyl group selected from the group consisting of a chloroacetyl group, a dichloroacetyl group, a 4-chlorophenoxyacetyl group, and a 2,4-dichlorophenoxyacetyl group.

67. (New) A support according to claim 1, wherein substituent B is a dichloroacetyl group.

68. (New) An article according to claim 24, wherein the acyl group is selected from the group consisting of a chloroacetyl group, a dichloroacetyl group, a 4-chlorophenoxyacetyl group, and a 2,4-dichlorophenoxyacetyl group.

69. (New) An article according to claim 24, wherein the acyl group is a dichloroacetyl group.

70. (New) An article according to claim 21, wherein substituent B is an acyl group selected from the group consisting of a chloroacetyl group, a dichloroacetyl group, a 4-chlorophenoxyacetyl group, and a 2,4-dichlorophenoxyacetyl group.

71. (New) An article according to claim 21, wherein substituent B is a dichloroacetyl group.

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72. (New) An article according to claim 45, wherein substituent B is an acyl group selected from the group consisting of a chloroacetyl group, a dichloroacetyl group, a 4-chlorophenoxyacetyl group, and a 2,4-dichlorophenoxyacetyl group.

73. (New) An article according to claim 45, wherein substituent B is a dichloroacetyl group.
